

What is claimed is:

1. A moisture vapor permeable, substantially liquid impermeable composite sheet comprising, as layers: a first lightweight, non-wet laid, polyester nonwoven material; a polyurethane breathable film; a polymer-coated polyester mesh; and a second lightweight, non-

5 wet laid, polyester nonwoven material.

2. The composite sheet as recited in claim 1 further comprising a polyester-active flame retardant.

3. The composite sheet as recited in claim 1, wherein the composite sheet has a weight greater than about 100 grams/square meter.

10 4. The composite sheet as recited in claim 3, wherein the composite sheet has a weight from about 100-200 grams/square meter.

5. The composite sheet as recited in claim 1, wherein the polymer is selected from the group consisting of a polyvinyl chloride polymer or copolymer, a polyurethane polymer or copolymer, an acrylic polymer or copolymer, a styrene-acrylic acid copolymer, a vinylidene chloride copolymer, and blends thereof.

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6. The composite sheet as recited in claim 1, wherein the first and second lightweight, non-wet laid, polyester nonwoven materials further comprise polyolefins, rayon and polyamides.

7. The composite sheet as recited in claim 1, wherein the polymer is a polyvinyl chloride polymer or copolymer.

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8. The composite sheet as recited in claim 1, wherein the non-wet laid, polyester nonwoven materials comprise polyethylene terephthalate.

9. The composite sheet as recited in claim 1, wherein the polymer coating exhibits adhesion to the film and the nonwoven layers.

10. The composite sheet as recited in claim 1, wherein the layers are spunbond, thermal point-bonded, ultrasonically bonded or chemically bonded.